

**Williamson Road Library
ITB# 16-08-16
Questions and Answers**

1. **The specs for this project call for an R22.5 mineral wool blanket with a vapor retarder in the exterior walls, but the plans show an R19 batt, and nothing regarding a vapor retarder. Is this something you could get me clarification on?**

Response: The metal stud cavity insulation for the project shall be 6" unfaced batt insulation with an R-value of 19 conforming to ASTM C665. A vapor retarder is not required for the metal stud cavity. Please see Addendum No. 2.

2. **A fire alarm remote annunciator appears to be indicated in Vestibule 100A. Please verify that this is a standard LCD annunciator and not a graphic type annunciator, as described in 283100.2.7.**

Response: The RCC located in Vestibule 100A is the location for both the LCD remote display unit with key pad and separate LED lighted annunciator panel with green, red, and yellow LEDs for the various device groups in each zone. Both can be small due to the size of the building. Both are semi-recessed. The RCC can be similar to the Notifier FDU-80 Annunciator which is approximately 5"Hx8"L. The RCC is referred to in various paragraphs in 283100. The LED graphic panel is a semi-recessed panel with building outline and various colored LEDs for alarm and trouble of initiation devices. The panel can be as small as 12"HX16"L and is noted in 283100 2.7. The RCC and LED graphic panel are specific to the fire alarm system manufacturers and will vary a little in size by the respective manufacturers.

3. **Please verify if any CATV head-end equipment is required beyond an amplifier and tap/splitter. Section 275300 describes a combiner and modulators but no quantities are indicated.**

Currently, the TV system is a simple system like in your house that will service a couple of TV outlet locations. The Owner shall acquire the Cable TV service and set top boxes (for the couple of outlets on the drawings) from the location provider.

4. **In section 282000.1.1.A, please verify that the statement "Contractor shall install owner furnished equipment and test." Does not mean installation of cameras, recorders, network switches, etc., provision of which are not in the bid scope.**

Response: The successful bidder for the CCTV section shall install the Owner's IP CCTV DVR, Data Switches and CCTV cameras and test the system as specified.

5. **Are thickness of all continuous footings 1' as shown in 3/S1.02 or am I missing a note somewhere that tell me how thick the continuous footers are?**

Response: Unless otherwise noted on the section, the dimension of typical wall footings shall comply with the "TYPICAL CONTINUOUS FOOTING UNDER MASONRY WALL"

detail on S2.01

6. **Note #1 indicates the Community Room lighting under Alternate #6 is the same as the base bid, however there is an additional Type L fixture shown for the alternate. Is this fixture not required? Also, no battery ballast or “pc” are shown for the alternate. Will this be required?**

Response: All controls and connections remain as indicated under base bid. Alternate #6 only relocates the lights. The additional Type L fixture on drawing 2/E2.01 is shown in error and should not be included in the bid. Please see Addendum No. 2.

7. **1. Please verify the TOA Sound System is provided and installed by the owner. If we are to include in our pricing, please provide spec information.**

2. Please provide information regarding the raceway rough-in for this sound system (stubs above ceiling, full raceway systems, boxes required, etc.)

Response: See specification for Contractor provided TOA system under 274116.64 for requirements. Provide connections to all speakers as noted. Provide microphone connection in floor box as noted. Provide TOA system as specified.

8. **Note 6 on Sheet E4.01 call for four 4” conduits for the communication systems service entrance, however Sheet E6.01 only indicates two 4” conduits for services entrance of these systems. Please clarify if we are to include two or four raceways.**

Response: See the back of the building and the front of the building on sheet E6.01 indicating two (2) 4” conduits leaving the back and two (2) 4” conduits leaving the front for a total of four (4) 4” conduits.

9. **Will the sidewalk at the new entrance need a handicap ramp on both sides with detectable warning plates per Roanoke City Standards? None are shown on the plans.**

Response: The only designated accessible path is from the accessible parking spaces in the parking lot to the main entrance (doors 100A – facing the parking lot). The only ramp along that path is directly adjacent to the accessible parking spaces. A single detectable warning is shown on the plan at that location.

10. **Roanoke City standards require 5” concrete for sidewalks. Plans depict 4”. Is 4” acceptable?**

Response: The “City Standard” for sidewalks applies to sidewalks within the right-of-way. Since the plans show sidewalk both within the right-of-way and on the site, it is noted that sidewalks within the right-of-way shall be 5-inches thick. Therefore; the “Sidewalk Section” on Sheet C4.01 shall be MODIFIED by adding the following note: “SIDEWALK WITHIN THE RIGHT-OF-WAY SHALL BE 5-INCHES THICK. SIDEWALK ON-SITE SHALL BE 4-INCHES THICK.” Please see Addendum No. 2.

11. Is there a way to get the dimensions of the transformer pad?

Response: Please reference clarification EX.01 (attached). Please see Addendum No. 2.

12. Sheet A11.02 depicts 5 storm drop inlets in the Reading Garden. Is there a spec on the style or manufacturer of these inlets?

Response: Specifications for the inlets are now provided on revised sheet C4.02 (attached). Please see Addendum No. 2.

13. The specs in section 6 state you need to be AWI Quality Certification Program certified. We are a member of the AWI organization since 1998 and follow the program as far as quality standards go. Can you ask the architect if they will change the specs to allow us to bid this project since we are AWI members.

Response: AWI members are eligible to bid the project and all AWI standards will be enforced. AWI Certification is not required.

14. A11.01 is a Library Sign elevation that calls for 8" SS letters and Metal Panel Sign by sign manufacturer. Is there a spec for the signs? Or is the signage behind handled by Owner?

Response: Detail 7/A11.01, indicates the 8 inch tall SS letters are 2" extrusions that are 8" tall. This notation is a typo, the SS letters shall be 1" extrusions. The font to be used for the letters is Century Gothic.

The drawings show the design intent and materials for the sign construction and provide steel dimensions for its primary structure. Detailing of the metal panel and lettering will be worked out in shop drawing provided by the sign manufacturer.

As indicated on the drawings, only the "Outdoor LED sign" will be provided by the Owner. The bid shall include all other costs associate with the sign including the underground conduit and lighting shown on the electrical drawings.

15. Is there a spec for the stainless steel letter for the Library sign shown on A11.01?

Response: The stainless steel letters shall be 1" extrusions that are 8" tall in Century Gothic Font with a satin finish. The letters are to be surface mounted to the metal panel.

16. Please clarify the extent of responsibility for the Site sign. Is the metal panel sign and lettering part of the owners sign package?

Response: No, the exterior metal panel sign and lettering shall be included as part of the bid. Please reference items 16 & 17 above for further clarification of the site sign bid requirements.

17. WC-1, WC-2 toilets are specified as wall hung fixtures, WC-3, WC-4 toilets are specified as floor mounted, is it possible that WC-1, and WC-2 can be respecified to match floor mounted spec as well, due to the fact that the under slab sanitary

pipng diagram shown on P2.01, P3.01 reflects floor mounted piping?

Response: Wall hung fixtures WC-1 and WC-2 and associated rear outlet waste connections are clearly indicated on sheet P2.01 and P3.01. Please provide wall hung fixtures as specified in 224000.

18. Specification Section 122113 - 1.2 – A indicates “Unless otherwise noted, provide mini-blinds at all exterior fixed glazing window openings in wall planes at offices and staff areas”.

- a. Motorized Roller Shades are scheduled for the majority of exterior openings**
- b. Are blinds required in the same windows receiving motorized shades?**
- c. Are blinds required in the following openings?**
 - i. North window 124?**
 - ii. North window 120?**
 - iii. North window 123?**
 - iv. North window 111?**
 - v. Breakroom 113?**
 - vi. Blinds are not mentioned on the drawings, can you clarify exterior/interior where blinds are required.**

Response: Reference sheet A10.01 for automatic roller shade locations
Blinds are not required in the same windows receiving motorized shades.
Blinds ARE required at window openings in rooms 110 (interior window), 111, and 113.
Blinds ARE NOT to be installed in rooms 120, 123, & 124.

19. Motorized shades are scheduled at some exterior opening that contain swing doors.

- a. What is the intent for motorized shades at doors?**
- b. Are shades mounted above the door/transom in pocket and drop all the way to the floor, or stop at the head of the door for egress?**
- c. Are shades required on the doors themselves?**

Response: Shades will be installed above doors but will only extend down to the head of the door. The shades above the doors will need to be independent of rollers for adjacent windows/sidelights.

20. We respectfully request consideration of the following on the above referenced project:

PROPOSED SUBSTITUTION GAF® Specification: PFANI60XK. Products include Dens Deck Prime™ Roof Board , SECUROCK® , EnergyGuard POLYISO Insulation , EverGuard® PVC 60 mil XK Smooth Membrane , Drill-Tec™ Extra Heavy Duty #15 , Drill-Tec™ Heavy Duty #14 Roofing Fastener , Drill-Tec™ Plates , Drill-Tec™ Standard #12 Roofing Fastener , EverGuard® Diamond Pledge™ NDL Roof Guarantee, EverGuard® PVC Bonding Adhesive .

The attached data includes product description, specification performance and test data, specimen Guarantee as necessary for evaluation of the request; applicable portions of the data are clearly identified. The undersigned states that

the following paragraphs, unless modified on attachments, are correct:

1. This proposed substitution meets or exceeds the architects specified performance requirements.

2. Maintenance and service products will be available for the proposed substitution.

The undersigned further states that the function, appearance, and quality of the proposed substitution are equal or superior to the specified item. Please either sign and return this letter, or acknowledge via email your acceptance. If you have any questions or concerns, please do not hesitate to contact me directly.

Response: GAF Dens Deck Prime, SECUROCK, EnergyGuard POLYISO, EverGuard PVC 60 min XK Smooth Membrane, Drill-Tec Extra Heavy Duty #15, Drill-Tec #14 Roofing Fastener, Drill-Tec Plates, Drill-Tec Standard #12 Roofing Fastener, EverGuard Diamond Pledge NDL Roof Guarantee, and EverGuard PVC Bonding adhesive have been reviewed and meet the specification requirements. The substitutions are approved. Please see Addendum No. 2.

- 21. We respectfully submit for your consideration a request to approve Icynene ProSeal MD-C-200 v3 spray foam insulation as an accepted substitute on Williamson Road Branch Library (Add/Renovation).**

Please find attached to this email the following supporting documentation:

- Substitution request form**
- A product comparison establishing Icynene as a one-for-one substitute**
- A technical data sheet for Icynene ProSeal MD-C-200 v3**
- A 3-part specification for Icynene ProSeal MD-C-200 v3**

Response: Icynene ProSeal MD-C-200 v3 closed cell spray foam insulation has been reviewed and meets the specification requirements. The substitution is approved. Please see Addendum No. 2.

- 22. Sheet S0.01, Note 5 calls for 3' undercut under entire area of new construction. Is this for just the building proper? Or for all site improvement areas also? (IE asphalts parking, etc.)**

Response: The term "New Construction" in Structural Note 5 on sheet S0.01 is intended to refer to only the new building additions, not the parking lot. The parking lot undercut is addressed by notes A & B on sheet C4.04. Please reference the Civil Sheet revisions C1.01 & C3.01 which clarify undercut below the new additions and the parking lot (attached).

- 23. According to the specifications the Steel erectors are to be AISC Certified erector. Will this be waived?**

Response: The steel erector must have a quality assurance program in place that meets the minimum requirements of AISC 360-10 Chapter N, Section N2.

Documentation of this program must be submitted for AE review if not an AISC Erector Certification program. Please see Addendum No. 2.

- 24. Exterior wall louvers are located on 2/A4.01 but their size is not dimensions on the drawings or the specs.**

Response: The wall louvers are 1'-4" tall, 2'-4" wide, and 4" deep. Per specification section 089119, they are to be Horizontal, Drainable-Blade louvers.

- 25. I am bidding the ceramic for the Williamson Road Library and my question is would you accept alternates for the products you listed? Daltile would cross them over to their materials if that is acceptable to you. Thank you and if it is acceptable I will proceed with Daltile.**

Response: Tile alternates will not be accepted considering the tiles specified was selected following a lengthy review process with the library staff and administration and it is our opinion that identical tile selections from other manufactures will not be equal in size, finish, color, and texture. Please see Addendum No. 2.

- 26. The electrical floor boxes located in rooms 124, 117 and the center of 103 indicate that they are electrical only, no data or communication provisions. Is this correct? Also, the symbol used is not on the legend sheet. Is there a different specification for these boxes?**

Response: The floor boxes in 103, 117 and 124 do not have data in them. They only require power. The floor boxes are all the same. They are multipurpose. They could have data, VA & power, only power, data & AV, AV & power and data & power. It is the same floor box without data or AV.

- 27. Will use of MC cable be allowed?**

Response: MC cabling shall be installed only as specified in Section 260519